

What is claimed is:

1. Apparatus for receiving programming content,
comprising:

5 a memory for providing a first application and a second
application, the first application being used to realize at
least a first programming service for providing first
programming content in accordance with a broadcast schedule,
the second application being used to realize at least a
10 second programming service for providing second programming
content after broadcast thereof, the second programming
content being recorded during the broadcast thereof at a
location remote from the apparatus; and

a device for receiving information concerning a change
15 from a first program source afforded the first programming
service to a second program source afforded the second
programming service, the second application being activated
in response to the change and becoming receptive to a
request for obtaining a selected portion of the second
20 programming content.

2. The apparatus according to claim 1, wherein one or
more tables are stored, which associate the second program
source with the second application.

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3. The apparatus according to claim 2, wherein the
one or more tables include a service table.

4. The apparatus according to claim 1, wherein the first application is suspended when the second application is activated.

5 5. The apparatus according to claim 1, wherein the second program source is accessed in accordance with the second application.

6. The apparatus according to claim 1, wherein a
10 service request is generated based on the information, the service request including an identifier of the second program source.

7. The apparatus according to claim 6, wherein the
15 second application monitors for the identifier in the service request.

8. The apparatus according to claim 7, wherein the
20 second application self-activates when the identifier is detected.

9. The apparatus according to claim 8, wherein the
second application causes the first application to be
suspended.

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10. The apparatus according to claim 9, wherein the second program source is accessed in accordance with the first application before the first application is suspended.

11. The apparatus according to claim 1, wherein the second application is also used to realize a manipulation of a presentation of the second programming content.

5 12. The apparatus according to claim 1, wherein the manipulation includes a selected one of rewinding, pausing and fast-forwarding.

10 13. The apparatus according to claim 1, wherein the second application provides a user interface for selecting the selected portion of the second programming content.

15 14. The apparatus according to claim 1, wherein the selected portion was broadcast within a predetermined period in the past.

20 15. The apparatus according to claim 1, wherein in response to the request, the selected portion is obtained from the remote location through a communications network.

16. The apparatus according to claim 15, wherein the communication network includes a broadband network.

25 17. The apparatus according to claim 16, wherein the broadband network includes a hybrid fiber coaxial (HFC) cable network.

18. The apparatus according to claim 1 comprising a set-top terminal.

19. Apparatus for receiving programming content,
comprising:

5 a memory for providing first and second applications,
the first application being used to realize at least a first
programming service for providing first programming content
in accordance with a broadcast schedule, the second
application being used to realize at least a second
programming service for providing second programming content
after broadcast thereof, the second programming content
10 being recorded during the broadcast thereof at a location
remote from the apparatus;

storage for storing selected programming content;

a server for presenting the stored programming content
in accordance with the first application; and

15 a device for receiving information concerning a change
from a first program source afforded the first programming
service to a second program source afforded the second
programming service, in response to the change the second
application becoming receptive to a request for obtaining a
20 selected portion of the second programming content.

20. The apparatus according to claim 19, wherein in
response to the change, the second program source is
accessed in accordance with the first application.

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21. The apparatus according to claim 20, wherein the
storage stores the selected programming content during
broadcast thereof, and at least before the request is
received, the server manipulates a presentation of the
30 stored programming content in accordance with the first

application in response to a signal indicating a desired manipulation of a presentation of material from the second program source.

5 22. The apparatus according to claim 21, wherein the manipulation includes a selected one of rewinding, pausing and fast-forwarding.

10 23. The apparatus according to claim 21, wherein after the request is received, a manipulation of a presentation of the selected portion of the second programming content is performed in accordance with the second application.

15 24. The apparatus according to claim 23, wherein the manipulation includes a selected one of rewinding, pausing and fast-forwarding.

20 25. The apparatus according to claim 21, wherein after the request is received, the selected portion of the second programming content is obtained from the remote location and buffered in the storage, the server presenting the buffered content in accordance with the first application.

25 26. The apparatus according to claim 25, wherein the server manipulates a presentation of the buffered content in accordance with the first application in response to a signal indicating a desired manipulation of a presentation of the selected portion of the second programming content.

27. The apparatus according to claim 26, wherein the manipulation includes a selected one of rewinding, pausing and fast-forwarding.

5 28. The apparatus according to claim 25, wherein the selected portion is obtained from the remote location through a communications network.

29. The apparatus according to claim 28, wherein the
10 communication network includes a broadband network.

30. The apparatus according to claim 29, wherein the broadband network includes an HFC cable network.

15 31. The apparatus according to claim 19, wherein the second application provides a user interface for selecting the selected portion of the second programming content.

32. The apparatus according to claim 19, wherein the
20 selected portion was broadcast within a predetermined period in the past.

33. The apparatus according to claim 19 comprising a set-top terminal.

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34. A method for use in an apparatus for receiving programming content, comprising:

providing a first application and a second application, the first application being used to realize at least a first
30 programming service for providing first programming content

in accordance with a broadcast schedule, the second application being used to realize at least a second programming service for providing second programming content after broadcast thereof, the second programming content
5 being recorded during the broadcast thereof at a location remote from the apparatus;

receiving information concerning a change from a first program source afforded the first programming service to a second program source afforded the second programming
10 service; and

in response to the change, activating the second application, which becomes receptive to a request for obtaining a selected portion of the second programming content.

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35. The method according to claim 34, further comprising storing one or more tables, which associate the second program source with the second application.

20 36. The method according to claim 35, wherein the one or more tables include a service table.

37. The method according to claim 34, wherein the first application is suspended when the second application
25 is activated.

38. The method according to claim 34, wherein the second program source is accessed in accordance with the second application.

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39. The method according to claim 34, wherein a service request is generated based on the information, the service request including an identifier of the second program source.

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40. The method according to claim 39, wherein the second application monitors for the identifier in the service request.

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41. The method according to claim 40, wherein the second application self-activates when the identifier is detected.

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42. The method according to claim 41, wherein the second application causes the first application to be suspended.

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43. The method according to claim 42, wherein the second program source is accessed in accordance with the first application before the first application is suspended.

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44. The method according to claim 34, wherein the second application is also used to realize a manipulation of a presentation of the second programming content.

45. The method according to claim 34, wherein the manipulation includes a selected one of rewinding, pausing and fast-forwarding.

46. The method according to claim 34, wherein the second application provides a user interface for selecting the selected portion of the second programming content.

5 47. The method according to claim 34, wherein the selected portion was broadcast within a predetermined period in the past.

10 48. The method according to claim 34, wherein in response to the request, the selected portion is obtained from the remote location through a communications network.

15 49. A method for use in an apparatus for receiving programming content, the apparatus including a server, and storage for storing selected programming content, the method comprising:

providing first and second applications, the first application being used to realize at least a first programming service for providing first programming content in accordance with a broadcast schedule, the server presenting the selected programming content stored in the storage in accordance with the first application, the second application being used to realize at least a second programming service for providing second programming content after broadcast thereof, the second programming content being recorded during the broadcast thereof at a location remote from the apparatus; and

receiving information concerning a change from a first program source afforded the first programming service to a second program source afforded the second programming

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service, in response to the change the second application becoming receptive to a request for obtaining a selected portion of the second programming content.

5 50. The method according to claim 49, wherein in response to the change, the second program source is accessed in accordance with the first application.

10 51. The method according to claim 50, wherein the selected programming content is stored in the storage during broadcast thereof, and at least before the request is received, the server manipulates a presentation of the stored programming content in accordance with the first application in response to a signal indicating a desired
15 manipulation of a presentation of material from the second program source.

20 52. The method according to claim 51, wherein the manipulation includes a selected one of rewinding, pausing and fast-forwarding.

25 53. The method according to claim 51, wherein after the request is received, a manipulation of a presentation of the selected portion of the second programming content is performed in accordance with the second application.

30 54. The method according to claim 53, wherein the manipulation includes a selected one of rewinding, pausing and fast-forwarding.

55. The method according to claim 51, wherein after the request is received, the selected portion of the second programming content is obtained from the remote location and buffered in the storage, the server presenting the buffered content in accordance with the first application.

56. The method according to claim 55, wherein the server manipulates a presentation of the buffered content in accordance with the first application in response to a signal indicating a desired manipulation of a presentation of the selected portion of the second programming content.

57. The method according to claim 56, wherein the manipulation includes a selected one of rewinding, pausing and fast-forwarding.

58. The method according to claim 55, wherein the selected portion is obtained from the remote location through a communications network.

59. The method according to claim 49, wherein the second application provides a user interface for selecting the selected portion of the second programming content.

60. The method according to claim 49, wherein the selected portion was broadcast within a predetermined period in the past.